



Expand each expression.

1) $-\frac{3}{4}(-\frac{7}{9}b - \frac{5}{5})$

2) $\frac{2}{4}(\frac{4}{8}c + \frac{4}{3})$

3) $\frac{2}{8}(\frac{1}{5}d + \frac{1}{9})$

4) $-\frac{4}{8}(-\frac{5}{7}e - \frac{5}{9})$

5) $-\frac{4}{6}(-\frac{2}{7}f - \frac{3}{3})$

6) $\frac{2}{8}(\frac{6}{8}g + \frac{4}{9})$

7) $\frac{3}{6}(\frac{1}{2}h - \frac{1}{8})$

8) $-\frac{2}{6}(-\frac{4}{8}i - \frac{1}{4})$

9) $\frac{2}{6}(\frac{1}{8}j - \frac{3}{7})$

10) $-\frac{3}{9}(\frac{6}{9}k - \frac{8}{7})$

11) $-\frac{4}{8}(\frac{1}{5}m - \frac{3}{5})$

12) $\frac{2}{9}(\frac{4}{5}n - \frac{3}{8})$

13) $\frac{3}{5}(\frac{6}{7}p - \frac{4}{5})$

14) $\frac{3}{5}(\frac{1}{3}r - \frac{1}{2})$

15) $\frac{3}{4}(\frac{1}{3}t - \frac{2}{2})$

16) $\frac{2}{6}(\frac{2}{3}u + \frac{1}{9})$

17) $-\frac{4}{7}(\frac{1}{4}v + \frac{3}{8})$

18) $\frac{2}{5}(\frac{2}{7}w + \frac{3}{5})$

19) $-\frac{2}{6}(\frac{3}{6}y + \frac{1}{7})$

20) $\frac{4}{8}(\frac{5}{6}z + \frac{4}{9})$

Answers

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Answers

1. $\frac{21}{36}b + \frac{15}{20}$

2. $\frac{8}{32}c + \frac{8}{12}$

3. $\frac{2}{40}d + \frac{2}{72}$

4. $\frac{20}{56}e + \frac{20}{72}$

5. $\frac{8}{42}f + \frac{12}{18}$

6. $\frac{12}{64}g + \frac{8}{72}$

7. $\frac{3}{12}h - \frac{3}{48}$

8. $\frac{8}{48}i + \frac{2}{24}$

9. $\frac{2}{48}j - \frac{6}{42}$

10. $-\frac{18}{81}k + \frac{24}{63}$

11. $-\frac{4}{40}m + \frac{12}{40}$

12. $\frac{8}{45}n - \frac{6}{72}$

13. $\frac{18}{35}p - \frac{12}{25}$

14. $\frac{3}{15}r - \frac{3}{10}$

15. $\frac{3}{12}t - \frac{6}{8}$

16. $\frac{4}{18}u + \frac{2}{54}$

17. $-\frac{4}{28}v - \frac{12}{56}$

18. $\frac{4}{35}w + \frac{6}{25}$

19. $-\frac{6}{36}y - \frac{2}{42}$

20. $\frac{20}{48}z + \frac{16}{72}$